



Crop Progress and Condition



National Agricultural Statistics Service

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ALASKA: There were 5.0 days suitable for fieldwork last week. Topsoil moisture supplies were reported as 5% short, 95% adequate. Subsoil moisture supplies were also reported as 5% short, 95% adequate. Barley was reported as 10% turning color. Oats were reported as 75% in dough. First cutting of hay was 80% complete. Condition of barley was reported 5% poor, 30% fair, 40% good, 25% excellent. Condition of oats was reported as 15% poor, 35% fair, 35% good, 15% excellent. Condition of all hay was reported 5% poor, 30% fair, 50% good, 15% excellent. Condition of potatoes was reported 65% good, 35% excellent. Condition of pasture was reported 20% fair, 55% good, 25% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were harvesting hay, fertilizing for second cutting of hay, weed control, farm and fence maintenance.

CROP WEATHER SUMMARY

July 21 – July 27, 2014

Days Suitable for Fieldwork: 5.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	5%	5%
Adequate	95%	95%
Surplus	0%	0%
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd		0.96

TANANA VALLEY: An average of 4.0 days was suitable for fieldwork. Topsoil moisture supplies were reported as 5% short, 95% adequate. Subsoil moisture supplies were 100% adequate. Barley was reported as 10% turning color. Oats were reported as 80% in dough. First cutting of hay was 80% complete. Condition of barley was reported 5% poor, 30% fair, 40% good, 25% excellent. Condition of oats was reported 20% poor, 30% fair, 30% good, 20% excellent. Condition of all hay was reported as 5% poor, 20% fair, 40% good, 35% excellent. Condition of potatoes was reported 60% good, 40% excellent. Wind and rain damage to crops was reported as 95% none, 5% moderate. Farm activities for the week included harvesting hay and vegetables, fertilizing for second cutting, CRP maintenance, fence construction and maintenance.

MATANUSKA VALLEY: An average of 6.5 days was suitable for fieldwork. Topsoil moisture was reported as 5% short, 95% adequate. Subsoil moisture was reported as 10% short, 90% adequate. First cutting of hay was 85% complete. Condition of all hay was reported as 50% fair, 50% good. Condition of potatoes was reported 70% good, 30% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. Farm activities for the week included harvesting hay, vegetables and grass seed, fertilizing for second cutting hay, cultivation, weed control, farm maintenance.

KENAI PENINSULA: An average of 6.0 days was suitable for fieldwork. Topsoil and subsoil moisture were both reported as 100% adequate. First cutting of hay was reported as 65% complete. Condition of all hay was reported as 100% good. No damage to crops from wind and rain was reported. Farm activities for the week included harvesting hay, farm maintenance.

Soil Temperatures (F°) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	61	64	na	57	65	na	72	44	0.99
Sawmill Creek	53	58	60	na	na	na	71	40	0.32
Plant Materials Center	59	63	58	58	60	56	71	52	0.17

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: July 21 - July 27, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	70	39	54	-9	0.37	4	9.24	+5.75	31	614	-68	1,441
Fairbanks-Eielson	69	39	53	-9	0.90	4	6.82	+2.48	22	432	-209	1,191
Nenana	65	38	53	-9	1.08	4	10.36	+7.21	32	460	-123	1,242
Fort Greely-Allen	68	43	55	-7	0.14	4	6.72	+1.14	33	419	-167	1,194
Healy River Airport	69	40	53	-7	0.39	5	5.30	-0.07	44	332	-135	1,101
Gulkana Airport	74	37	54	-4	0.21	3	4.24	+0.53	25	247	-57	1,042
Sutton	69	44	55	-2	0.51	5	6.40	+2.16	44	261	-45	1,067
Palmer	72	45	57	-2	0.52	4	4.68	+0.93	26	441	+28	1,300
Talkeetna	72	39	56	-4	0.26	2	6.59	-0.21	33	423	+1	1,250
Willow Airport	71	47	58	-2	0.54	4	6.23	+3.06	41	485	+94	1,346
Anchorage International	71	50	60	+2	1.48	3	6.14	+2.97	29	509	+107	1,371
Kenai	69	41	55	-2	0.48	3	5.61	+2.10	34	219	+8	966
Homer	71	45	56	+2	0.42	4	3.54	+0.28	31	301	+129	1,133
Kodiak	73	47	57	+2	0.11	2	9.63	-5.70	28	283	+113	1,071

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

For more weather information visit www.awis.com or call 1-888-798-9955.

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